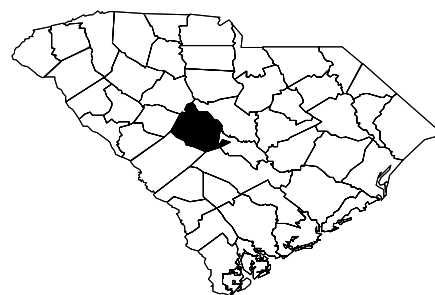




Diabetes In LEXINGTON County, 2005



Produced by the South Carolina Department of Health and Environmental Control

Impact of Diabetes in the United States

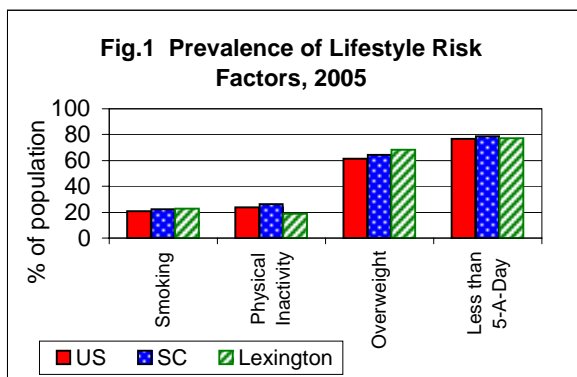
- Diabetes affects more than 23 million Americans and contributes to almost 234,000 deaths a year.
- Diabetes is becoming more common in the United States. From 1980 through 2007, the number of Americans with diabetes increased from 5.6 million to 17.9 million
- The direct and indirect costs of diabetes in the U.S. were nearly \$174 billion in 2007.
- 72,507 people died of diabetes in the U.S. in 2006.

Diabetes in South Carolina

- Approximately 332,000 adults in South Carolinians are diagnosed with diabetes. African Americans have twice the prevalence than Whites.
- The total direct costs of hospitalizations and emergency room visits were over \$8.5 billion in 2005.
- Diabetes is the seventh leading cause of death in South Carolina, claiming 1,183 lives in 2005.

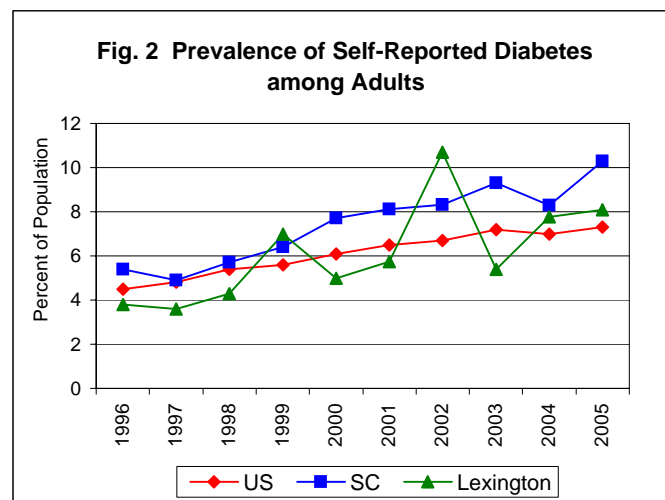
Behavioral Risk Factors

- Major behavioral risk factors, such as overweight, physical inactivity and unhealthy diet, are partially responsible for development of type 2 diabetes (Fig 1).



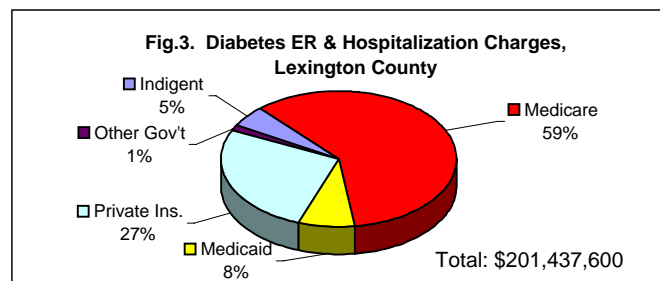
Diabetes Prevalence

- An estimated 14407 adults (8.1% of adults) in Lexington County suffer annually from Diabetes (Fig 2.).



Hospital and Emergency Room Discharges

- In 2005, there were 362 hospitalizations for Diabetes in Lexington County for all ages.
- There were an additional 3941 hospital discharges with diabetes-related conditions in Lexington County.
- In 2005, there were 471 emergency room (ER) visits for diabetes as the primary diagnosis, among which 137 (29%) were by African-American patients.
- There were 3558 ER visits for diabetes as a related condition.



- Medicare paid for 59% of the ER and Hospitalization charges for Lexington County (Fig 3).

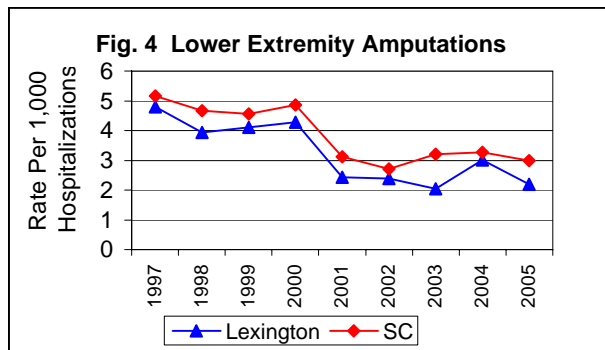
Complications

- Almost all patients (97%) hospitalized in SC for diabetes had complications in 2005; 26% of hospitalizations in Lexington County (Table 1).
- In 2005, nearly three-quarters of people in SC with diabetes had hypertension, compared with only one-fourth of people without diabetes.

Table 1. Hospitalizations for Diabetes Complications in Lexington County in 2005.

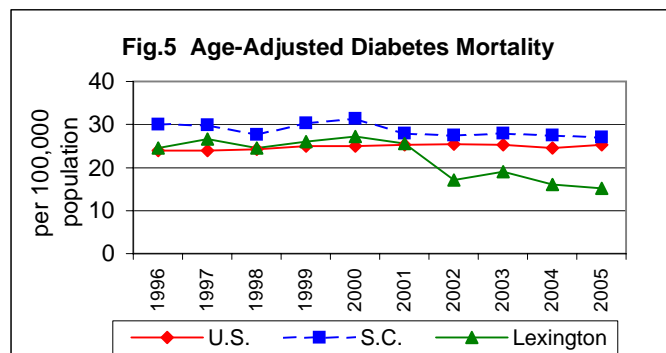
Diabetes Complication	Hospital Admissions	Percent of Diabetes Hospital	Total costs
Renal Failure	713	17%	\$27,285,500
Lower Extremity Amputation	60	1%	\$3,923,000
Keto-acidosis	178	4%	\$3,999,300
Retinopathy	158	4%	\$6,186,500

- In 2005, more than 60% of people with diabetes have high cholesterol.
- In 2005, the rates for lower extremity amputations among blacks in SC were four times the rates among whites.

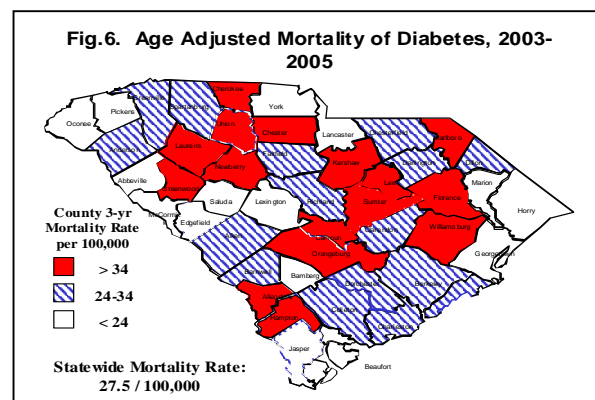


Mortality

- Diabetes is the ninth leading cause of death in Lexington County.
- A total of 34 people in Lexington County died from diabetes in 2005.



- The Lexington County mortality rate was 15.1/100,000 in 2005, below the state average.
- Lexington County ranks #40 in diabetes mortality in South Carolina in 2003-2005.



For More Information about diabetes contact:

Division of Diabetes Prevention and Control:

DHEC Bureau of Community Health and Chronic Disease Prevention

<http://www.dhec.sc.gov/health/chcdp/diabetes/index.htm>

(803) 545-4471

Diabetes Initiative of South Carolina

<http://www.musc.edu/diabetes/>

Generated by: Office of Chronic Disease Epidemiology, Bureau of Community Health and Chronic Disease Prevention

http://www.scdhec.gov/hs/epidata/state_reports.htm



Data Sources:

For more details, please view the Technical Document below

www.scdhec.gov/health/epidata/docs/EpiTechNotes.pdf

Hospital Discharges and ER Visits, contact:

Office of Research and Statistics SC

Budget and Control Board

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